

National Institute  
of Standards and Technology



National Voluntary  
Laboratory Accreditation Program

ISO/IEC GUIDE 25:1990  
ANSI/NCSL Z540-1-1994  
ISO 9002:1987

## Scope of Accreditation



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### CALIBRATION LABORATORIES

NVLAP LAB CODE 200029-0

#### GE INDUSTRIAL SYSTEMS, RENEWAL SERVICES - TEMS

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#### ELECTROMAGNETICS/DC-LOW FREQUENCY

*NVLAP Code:* 20/E05  
DC Resistance

<i>Value in ohms</i>	<i>Best Uncertainty in ppm (<math>\pm</math>)<sup>note 1</sup></i>	<i>Remarks</i>
0.1	1.0	
1	1.0	
10	1.0	
100	1.0	
1 k	1.5	
10 k	1.5	
100 k	4.0	
1 M	4.6	
10 M	6.2	
100 M	13.4	

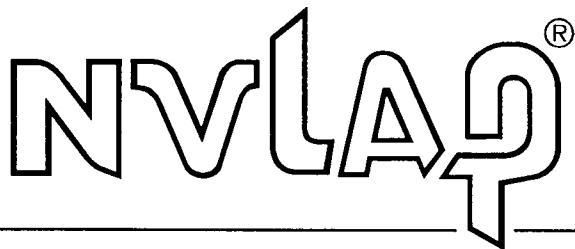
December 31, 2000

Effective through

*David F. Alderman*

For the National Institute of Standards and Technology

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**NVLAP Code:** 20/E06

DC Voltage

<i>Range in Volts</i>	<i>Best Uncertainty in ppm (<math>\pm</math>)<sup>note 1</sup></i>	<i>Remarks</i>
0.1	3	Zener Reference Diodes, Standard Cells, High Level MMs and Calibrators
1.0	1.5	Zener Reference Diodes, Standard Cells, High Level MMs and Calibrators
10.0	1.2	Zener Reference Diodes, Standard Cells, High Level MMs and Calibrators
100.0	1.5	Zener Reference Diodes, Standard Cells, High Level MMs and Calibrators
1000.0	2.0	Zener Reference Diodes, Standard Cells, High Level MMs and Calibrators

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A handwritten signature in black ink that reads "David T. Alderman".

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### THERMODYNAMICS

NVLAP Code: 20/T05

Pressure

Range	Uncertainty ( $\pm$ ) of reading <sup>note 1</sup>	Remarks
0.2 to 1000 psia	36 ppm	Inert Gas
0.2 to 1000 psi	36 ppm	Inert Gas
15 to 10000 psi	0.02%	Inert Gas
15 to 15000 psi	0.02%	Fluid

1. Represents an expanded uncertainty using a coverage factor, k=2.

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